EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/567220	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:19
S2	6354	position$4 same (gravity gravitation$4) same (measur$6 detect$4 sens$4) same (control$4 actuat$4) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:25
S3	4318	position$4 same (gravity gravitation$4) same (measur$6 detect$4 sens$4) same (control$4 actuat$4) and (spring pulley motor tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:27
S4	1759	position$4 same (gravity gravitation$4) same (measur$6 detect$4 sens$4) same (control$4 actuat$4) same (spring pulley motor tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:28
S5	24	(position$4 same (gravity gravitation$4)) near6 ((measur$6 detect$4 sens$4) same (control$4 actuat$4)) same (spring pulley motor tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:41
S6	56	position$4 near6 ((measur$6 detect$4 sens$4) same (control$4 actuat$4)) same (gravity gravitation$4) near6 (correct$4 compensat$4 limit$4 reduc$6) same (spring pulley motor tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:57
S7	0	position$4 near6 ((measur$6 detect$4 sens$4) same (control$4 actuat$4)) same (gravity gravitation$4) near6 (correct$4 compensat$4 limit$4 reduc$6) and (spring same pulley same motor same tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 14:58

S8		2	position$4 near6 ((measur$6 detect$4 sens$4) same (control$4 actuat$4)) and (gravity gravitation$4) near6 (correct$4 compensat$4 limit$4 reduc$6) and (spring same pulley same motor same tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:02
S10		1	position$4 near6 ((measur$6 detect$4 sens$4) same (control$4 actuat$4)) and (gravity gravitation$4) near6 (correct$4 compensat$4 limit$4 reduc$6 force) same (spring same pulley same motor same tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:04
S9		34	position$4 near6 ((measur$6 detect$4 sens$4) same (control$4 actuat$4)) and (gravity gravitation$4) near6 (correct$4 compensat$4 limit$4 reduc$6 force) and (spring same pulley same motor same tension) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:27
S11		25	(position location displac$6) near3 (measur$6 sensor sensing detect$4) and (control$4 actuat$4) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with input with output with (position location displac$6) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:34
S12		20	(position location displac$6) near3 ((measur$6 sensor sensing detect$4) and (control$4 actuat$4)) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with input with output with (position location displac$6) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:36
S13		14	(position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with input with output with (position location displac$6) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:43

S14	10	(position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with input with output with (position location displac$6) and gravity with (spring tension pulley motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:44
S16	0	(position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with ((spring and pulley) and (tension motor)) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:46
S17	28	(position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with ((spring pulley) and (tension motor)) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 15:46
S18	1	("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with (spring tension pulley motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 18:39

| S19 | 3 | ("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac$6) near6 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity near6 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with (spring tension pulley motor) and (@ad<"20030807" @rlad<"20030807") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/15 18:41 |
| S20 | 8 | ("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac$6) near6 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and (force gravity) near6 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and (force gravity) with (spring tension pulley motor) and (@ad<"20030807" @rlad<"20030807") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/15 18:42 |

| S21 | 4 | ("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and (force gravity) near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and (force gravity) with (spring tension pulley motor) and (@ad<"20030807" @rlad<"20030807") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/15 18:45 |
| S22 | 0 | ("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and (force gravity) near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and (force gravity) with (spring and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/15 18:46 |

| S23 | 0 | ("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and (force gravity) near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and (force gravity) with (spring and tension and motor) and (@ad<"20030807" @rlad<"20030807") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/15 18:46 |
| S24 | 1 | ("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and (force gravity) near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and (force gravity) with (spring and motor) and (@ad<"20030807" @rlad<"20030807") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/15 18:49 |

| S25 | 0 | ("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and (force gravity) near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and (force gravity) with (spring same motor) and (@ad<"20030807" @rlad<"20030807") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/15 18:50 |
| S26 | 0 | ("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and (force gravity) near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and (force gravity) with ((spring string tension pulley) same motor) and (@ad<"20030807" @rlad<"20030807") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/15 18:51 |

| S28 | 2 | ("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and (force gravity) near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and (force gravity) with (position location displac$6) with (input output) and (@ad<"20030807" @rlad<"20030807") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/15 18:53 |
| S27 | 6 | ("4415250" "4425073" "4574227" "6008882" "4365719" "4408740" "4803786" "4866615" "4897930" "5005297" "5323174" "5353042" "5722620" "5767401" "5844666" "5844664" "5979835" "6249745" "3827333" "4261459" "4268039" "4320942" "4328941" "4336917" "4337715" "4356594" "4357833" "4402392" "4425975" "4474063" "4507737" "4510751" "4606629" "4610200" "4755346" "4756191" "4773772" "4807487" "4838099" "4852265" "4912851" "4948164" RE33385 "4988060" "5020444" "5020743" "5040613" "5182863" "5193651" "5201515").pn. and (position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and (force gravity) near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and (force gravity) with (position location displac$6) and (@ad<"20030807" @rlad<"20030807") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/15 20:28 |

S29	9	"5136227"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 20:29
S30	2	"5136227".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 20:29
S31	2	"4591772".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 20:30
S32	2	"4733150".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 20:31
S33	2	"5425237".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 20:31
S15	237	(position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with (spring tension pulley motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:27
S38	0	gravity with (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:29
S35	0	(position location displac$6) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:30
S36	0	gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:30

S39	0	(position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity same (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:30
S40	0	(position location displac$6) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity same (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:30
S41	0	gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity same (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:30
S37	0	(position location displac$6) and gravity with (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:31
S42	0	(position location displac$6) and gravity same (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:31
S43	0	gravity same (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:31
S34	0	(position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with (spring and string and tension and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:32
S44	0	gravity same (spring and string and pulley and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:32

S45	34	gravity same (spring and string and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:32
S46	6	gravity with (spring and string and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:32
S47	0	(position location displac$6) near3 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with (spring and string and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:33
S48	1	(position location displac$6) near6 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with (spring and string and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 22:35
S49	1	(position location displac$6) near6 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with (spring and string and tension and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 23:31
S51	1	(position location displac$6) near6 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity with (spring and pulley and tension and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 23:31
S50	0	(position location displac$6) near6 ((measur$6 sensor sensing detect$4) same (control$4 actuat$4)) and gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with (spring and pulley and tension and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 23:33

S52	4	gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with (spring and pulley and tension and motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 23:35
S53	1	gravity near3 (compensat$4 reduc$4 limit$4 correct$4 control$4 actuat$4) and gravity with (spring with pulley with tension with motor) and (@ad<"20030807" @rlad<"20030807")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/15 23:36